

2300/0590
#5**ENTERED**

OIPE

RAW SEQUENCE LISTING

DATE: 03/26/2003

PATENT APPLICATION: US/09/858,289

TIME: 11:22:08

Input Set : N:\Crf3\RULE60\09858289.RAW.txt

Output Set: N:\CRF4\03262003\I858289.raw

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1 <110> APPLICANT: Schork, Nicholas J.
2     Essioux, Laurent
3     Cohen-Akenine, Annick
4     Blumenfeld, Marta
5     Cohen, Daniel
6 <120> TITLE OF INVENTION: METHODS, SOFTWARE AND APPARATI FOR IDENTIFYING GENOMIC
REGIONS
7     HARBORING A GENE ASSOCIATED WITH A DETECTABLE TRAIT
8 <130> FILE REFERENCE: Genset.048AUS
9 <140> CURRENT APPLICATION NUMBER: US/09/858,289
10 <141> CURRENT FILING DATE: 2001-05-15
11 <150> PRIOR APPLICATION NUMBER: US/09/438,016
12 <151> PRIOR FILING DATE: 1999-11-10
13 <150> PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/107,986
W--> 14 <151> PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-10
15 <150> PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/140,785
W--> 16 <151> PRIOR FILING DATE: EARLIER FILING DATE: 1999-06-23
17 <160> NUMBER OF SEQ ID NOS: 30
18 <170> SOFTWARE: Patent.pm
20 <210> SEQ ID NO: 1
21 <211> LENGTH: 47
22 <212> TYPE: DNA
23 <213> ORGANISM: Homo sapiens
24 <220> FEATURE:
25 <221> NAME/KEY: allele
26 <222> LOCATION: 24
27 <223> OTHER INFORMATION: polymorphic base A
28 <220> FEATURE:
29 <221> NAME/KEY: misc_binding
30 <222> LOCATION: 1..23
31 <223> OTHER INFORMATION: potential microsequencing oligo 99-344-mis1
32 <220> FEATURE:
33 <221> NAME/KEY: misc_binding
34 <222> LOCATION: 25..43
35 <223> OTHER INFORMATION: microsequencing oligo 99-344-mis2, complement
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40 <211> LENGTH: 47
41 <212> TYPE: DNA
42 <213> ORGANISM: Homo sapiens
43 <220> FEATURE:
44 <221> NAME/KEY: allele
45 <222> LOCATION: 24

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46 <223> OTHER INFORMATION: polymorphic base T
47 <220> FEATURE:
48 <221> NAME/KEY: misc_binding
49 <222> LOCATION: 5..23
50 <223> OTHER INFORMATION: microsequencing oligo 99-366-mis1
51 <220> FEATURE:
52 <221> NAME/KEY: misc_binding
53 <222> LOCATION: 25..47
54 <223> OTHER INFORMATION: potential microsequencing oligo 99-366-mis2, complement
55 <400> SEQUENCE: 2
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58 <210> SEQ ID NO: 3
59 <211> LENGTH: 47
60 <212> TYPE: DNA
61 <213> ORGANISM: Homo sapiens
62 <220> FEATURE:
63 <221> NAME/KEY: allele
64 <222> LOCATION: 24
65 <223> OTHER INFORMATION: polymorphic base G
66 <220> FEATURE:
67 <221> NAME/KEY: misc_binding
68 <222> LOCATION: 1..23
69 <223> OTHER INFORMATION: potential microsequencing oligo 99-359-mis1
70 <220> FEATURE:
71 <221> NAME/KEY: misc_binding
72 <222> LOCATION: 25..43
73 <223> OTHER INFORMATION: microsequencing oligo 99-359-mis2, complement
74 <400> SEQUENCE: 3
75     ctacagagtc atcgctcca tccggtctca acaaatcctg gcagctc          47
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78 <211> LENGTH: 47
79 <212> TYPE: DNA
80 <213> ORGANISM: Homo sapiens
81 <220> FEATURE:
82 <221> NAME/KEY: allele
83 <222> LOCATION: 24
84 <223> OTHER INFORMATION: polymorphic base G
85 <220> FEATURE:
86 <221> NAME/KEY: misc_binding
87 <222> LOCATION: 1..23
88 <223> OTHER INFORMATION: potential microsequencing oligo 99-355-mis1
89 <220> FEATURE:
90 <221> NAME/KEY: misc_binding
91 <222> LOCATION: 25..43
92 <223> OTHER INFORMATION: microsequencing oligo 99-355-mis2, complement
93 <400> SEQUENCE: 4
94     ggagtttcgg ggagtttcgg gagggttcct gggaagaagc tcctccc          47
96 <210> SEQ ID NO: 5
97 <211> LENGTH: 47

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98 <212> TYPE: DNA
99 <213> ORGANISM: Homo sapiens
100 <220> FEATURE:
101 <221> NAME/KEY: allele
102 <222> LOCATION: 24
103 <223> OTHER INFORMATION: polymorphic base C
104 <220> FEATURE:
105 <221> NAME/KEY: misc_binding
106 <222> LOCATION: 5..23
107 <223> OTHER INFORMATION: microsequencing oligo 99-365-mis1
108 <220> FEATURE:
109 <221> NAME/KEY: misc_binding
110 <222> LOCATION: 25..47
111 <223> OTHER INFORMATION: potential microsequencing oligo 99-365-mis2, complement
112 <400> SEQUENCE: 5
113      cctaccaagc aagcagcccc agcctagggt cagacagggt gaggctc      47
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116 <211> LENGTH: 47
117 <212> TYPE: DNA
118 <213> ORGANISM: Homo sapiens
119 <220> FEATURE:
120 <221> NAME/KEY: allele
121 <222> LOCATION: 24
122 <223> OTHER INFORMATION: polymorphic base C
123 <220> FEATURE:
124 <221> NAME/KEY: misc_binding
125 <222> LOCATION: 5..23
126 <223> OTHER INFORMATION: microsequencing oligo 99-2452-mis1
127 <220> FEATURE:
128 <221> NAME/KEY: misc_binding
129 <222> LOCATION: 25..47
130 <223> OTHER INFORMATION: potential microsequencing oligo 99-2452-mis2, complement
131 <220> FEATURE:
132 <221> NAME/KEY: misc_feature
133 <222> LOCATION: 1..47
134 <223> OTHER INFORMATION: extracted from sequence gb:M10065 (3909..3955)
135 <400> SEQUENCE: 6
136      tgggcgcgga catggaggac gtgcgcggcc gcctggtgca gtaccgc      47
138 <210> SEQ ID NO: 7
139 <211> LENGTH: 47
140 <212> TYPE: DNA
141 <213> ORGANISM: Homo sapiens
142 <220> FEATURE:
143 <221> NAME/KEY: allele
144 <222> LOCATION: 24
145 <223> OTHER INFORMATION: polymorphic base G, A in SEQID1
146 <220> FEATURE:
147 <221> NAME/KEY: misc_binding
148 <222> LOCATION: 1..23

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149 <223> OTHER INFORMATION: potential microsequencing oligo 99-344-mis1
150 <220> FEATURE:
151 <221> NAME/KEY: misc_binding
152 <222> LOCATION: 25..43
153 <223> OTHER INFORMATION: microsequencing oligo 99-344-mis2, complement
154 <400> SEQUENCE: 7
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158 <211> LENGTH: 47
159 <212> TYPE: DNA
160 <213> ORGANISM: Homo sapiens
161 <220> FEATURE:
162 <221> NAME/KEY: allele
163 <222> LOCATION: 24
164 <223> OTHER INFORMATION: polymorphic base C, T in SEQID2
165 <220> FEATURE:
166 <221> NAME/KEY: misc_binding
167 <222> LOCATION: 5..23
168 <223> OTHER INFORMATION: microsequencing oligo 99-366-mis1
169 <220> FEATURE:
170 <221> NAME/KEY: misc_binding
171 <222> LOCATION: 25..47
172 <223> OTHER INFORMATION: potential microsequencing oligo 99-366-mis2, complement
173 <400> SEQUENCE: 8
174      agggcctggc ttcagggaca gctcaggaaa tgtttgttga gttagt      47
176 <210> SEQ ID NO: 9
177 <211> LENGTH: 47
178 <212> TYPE: DNA
179 <213> ORGANISM: Homo sapiens
180 <220> FEATURE:
181 <221> NAME/KEY: allele
182 <222> LOCATION: 24
183 <223> OTHER INFORMATION: polymorphic base A, G in SEQID3
184 <220> FEATURE:
185 <221> NAME/KEY: misc_binding
186 <222> LOCATION: 1..23
187 <223> OTHER INFORMATION: potential microsequencing oligo 99-359-mis1
188 <220> FEATURE:
189 <221> NAME/KEY: misc_binding
190 <222> LOCATION: 25..43
191 <223> OTHER INFORMATION: microsequencing oligo 99-359-mis2, complement
192 <400> SEQUENCE: 9
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196 <211> LENGTH: 47
197 <212> TYPE: DNA
198 <213> ORGANISM: Homo sapiens
199 <220> FEATURE:
200 <221> NAME/KEY: allele

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RAW SEQUENCE LISTING

DATE: 03/26/2003

PATENT APPLICATION: US/09/858,289

TIME: 11:22:08

Input Set : N:\Crif3\RULE60\09858289.RAW.txt

Output Set: N:\CRF4\03262003\I858289.raw

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201 <222> LOCATION: 24
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205 <222> LOCATION: 1..23
206 <223> OTHER INFORMATION: potential microsequencing oligo 99-355-mis1
207 <220> FEATURE:
208 <221> NAME/KEY: misc_binding
209 <222> LOCATION: 25..43
210 <223> OTHER INFORMATION: microsequencing oligo 99-355-mis2, complement
211 <400> SEQUENCE: 10
212      ggagtttcgg ggagtttcgg gagagttcct gggaagaagc tcctccc      47
214 <210> SEQ ID NO: 11
215 <211> LENGTH: 47
216 <212> TYPE: DNA
217 <213> ORGANISM: Homo sapiens
218 <220> FEATURE:
219 <221> NAME/KEY: allele
220 <222> LOCATION: 24
221 <223> OTHER INFORMATION: polymorphic base T, C in SEQID5
222 <220> FEATURE:
223 <221> NAME/KEY: misc_binding
224 <222> LOCATION: 5..23
225 <223> OTHER INFORMATION: microsequencing oligo 99-365-mis1
226 <220> FEATURE:
227 <221> NAME/KEY: misc_binding
228 <222> LOCATION: 25..47
229 <223> OTHER INFORMATION: potential microsequencing oligo 99-365-mis2, complement
230 <400> SEQUENCE: 11
231      cctaccaagc aagcagcccc agcttagggt cagacagggt gagcctc      47
233 <210> SEQ ID NO: 12
234 <211> LENGTH: 47
235 <212> TYPE: DNA
236 <213> ORGANISM: Homo sapiens
237 <220> FEATURE:
238 <221> NAME/KEY: allele
239 <222> LOCATION: 24
240 <223> OTHER INFORMATION: polymorphic base T, C in SEQID6
241 <220> FEATURE:
242 <221> NAME/KEY: misc_binding
243 <222> LOCATION: 5..23
244 <223> OTHER INFORMATION: microsequencing oligo 99-2452-mis1
245 <220> FEATURE:
246 <221> NAME/KEY: misc_binding
247 <222> LOCATION: 25..47
248 <223> OTHER INFORMATION: potential microsequencing oligo 99-2452-mis2, complement
249 <400> SEQUENCE: 12
250      tgggcgcgga catggaggac gtgtgcggcc gcctggtgca gtaccgc      47
252 <210> SEQ ID NO: 13

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RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/09/858,289

DATE: 03/26/2003
TIME: 11:22:09

Input Set : N:\Crf3\RULE60\09858289.RAW.txt
Output Set: N:\CRF4\03262003\I858289.raw

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:1; Line(s) 6
Seq#:2; Line(s) 54
Seq#:5; Line(s) 111
Seq#:6; Line(s) 130
Seq#:8; Line(s) 172
Seq#:11; Line(s) 229
Seq#:12; Line(s) 248
Seq#:19; Line(s) 329
Seq#:20; Line(s) 340
Seq#:21; Line(s) 351
Seq#:22; Line(s) 362
Seq#:23; Line(s) 373
Seq#:24; Line(s) 384,388

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/858,289

DATE: 03/26/2003

TIME: 11:22:09

Input Set : N:\Crf3\RULE60\09858289.RAW.txt

Output Set: N:\CRF4\03262003\I858289.raw

L:14 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD

L:16 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD